What is claimed is:



- 1. A transfer factor effective to confer cell-mediated immunity wherein the immune response is to Human Herpesvirus-6A and Human Herpesvirus-6B.
- 2. A transfer factor effective to confer cell-mediated immunity wherein the immune response is to Human Herpesvirus-6A of Human Herpesvirus-6B

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- 1 or 2 which comprises immunizing a lactating animal with Human Herpesvirus-6A and Human Herpesvirus-6B, recovering colostrum from the animal, and preparing the transfer factor from the colostrum.
 - 4. The method of claim 3 wherein the animal is a bovid.

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- 1 or 2 which comprises immunizing an animal with Human Herpesvirus 6A and Human Herpesvirus-6B, recovering an immune system component from the animal, and preparing the transfer factor from the immune system component.
- 6. The method of claim 5 wherein the immune system component is dialyzable leukocyte extract.

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- component is immune organ lysate.
- 8. The method of claim 5 wherein the immune system component is a sell line derived from an immune system component.
 - 9. The method of claim 5 wherein the immune system component is a lymphoblastoid cell.
 - 10. A method of producing a composition which comprises producing the transfer factor of claim 3 or 5 and admixing a carrier.
- 15 11. A method of producing a composition which comprises producing the transfer factor of claim 3 or 5 and admixing a carrier wherein the carrier is a pharmaceutically acceptable carrier.
- 20 12. A method of producing a composition which comprises producing the transfer factor of claim 3 or 5 and admixing a carrier wherein the carrier is an edible carrier.
- 25 13. A method of treating thronic Fatigue Syndrome in a subject, which comprises administering to the subject an amount of Human Herpesvirus-6A and Human Herpesvirus-6B transfer factors effective to treat the Chronic Fatigue Syndrome.

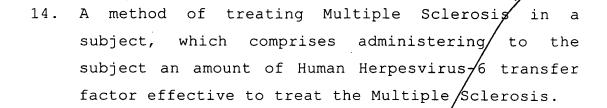
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15. A method of treating Multiple Sclerosis in a subject, which comprises administering to the subject an amount of Human Herpesvirus-6A and Human Herpesvirus-6B transfer factors effective to treat the Multiple Sclerosis.

- A method of treating an abmormality in a subject, 16. which comprises administering to the subject an amount of the transfer factor of claim 2 effective abnormality, alleviate the wherein the abnormality all#viated by is enhancing the subject's immune response to Human Herpesvirus-6A.
- 17. A method of treating an abnormality in a subject,
 20 which comprises administering to the subject an
 amount of the transfer factor of claim 2 effective
 to alleviate the abnormality, wherein the
 abnormality is alleviated by enhancing the
 subject's immune response to Human Herpesvirus-6B.

18. A method of treating an abnormality in a subject, which comprises administering to the subject an amount of the transfer factor of claim 1 effective to alleviate the abnormality, wherein the abnormality is alleviated by enhancing the

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subject's immune response to Human Herpesvirus/6A and Human Herpesvirus-6B.

- A composition comprising the transfer factor of claim 1 or 2 and a carrier.
- 20. A composition comprising the transfer factor of claim 1 or 2 and a carrier, wherein the carrier is a pharmaceutically acceptable carrier
- A composition comprising the transfer factor of 21. claim 1 or 2 and a carrier, wherein the transfer an Amount factor is present in effective enhance a subject's immune résponse.
- A composition comprising/ the transfer factor of 22. claim 1 or 2 and a carrier, wherein the carrier is a pharmaceutically acceptable carrier and wherein transfer factor is present in an effective to enhance a subject's immune response.
- A composition comprising the transfer factor of 23. claim 1 or 2 and a carrier, wherein the carrier is an edible carrier and wherein the transfer factor is present /in an amount effective to enhance a subject's #mmune response.
- The composition of claim 19, wherein the transfer 24. factor is capable of passing through a membrane.

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- 25. Use of the transfer factor of claim 2 for the preparation of a pharmaceutical composition for treating an abnormality, wherein the abnormality is alleviated by enhancing the subject's immune response to Human Herpesvirus-6A.
- 26. Use of the transfer factor of claim 2 for the preparation of a pharmaceutical composition for treating an abnormality, wherein the abnormality is alleviated by enhancing the subject's immune response to Human Herpesvirus-6B.
- 27. Use of the transfer factor of claim 1 for the preparation of a pharmaceutical composition for treating an abnormality, wherein the abnormality is alleviated by enhancing the subject's immune response to Human Herpesvirus-6A and Human Herpesvirus-6B.
- 20 28. An edible composition comprising the transfer factor of claim 1 or 2 in an amount effective to enhance a person's immune response and an edible carrier.
- 25 29. A method of enhancing a person's immune response by administering to the person an amount of the composition of claim 28 effective to enhance a person's immune response.

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